

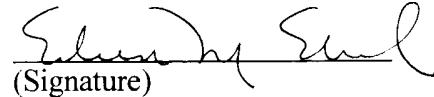


CERTIFICATE OF MAILING (37 CFR 1.8a)

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Eileen M. Ebel

(Print Name)


(Signature)

Date: November 16, 1998

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application

VAN ARSDELL ET AL.

Serial No. 08/914,332, filed July 14, 1997

Group: 1652

Examiner: Lau, K.

For: OVERCOMING DAPA AMINOTRANSFERASE
BOTTLENECKS IN BIOTIN VITAMERS BIOSYNTHESIS

Nutley, New Jersey 07110
November 16, 1998

Assistant Commissioner for Patents
Washington, D.C. 20231

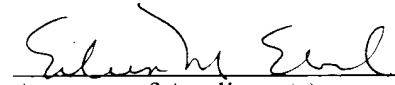
RESPONSE TO REQUIREMENT FOR RESTRICTION

Sir:

In response to the Office Action of September 17, 1998, applicants elect Group I claims (claims 1 to 22) for prosecution in the present application. Group I claims are drawn to methods of producing biotin vitamers comprising bacteria expressing a lysine-utilizing DAPA aminotransferase.

A petition for a one month extension of time is enclosed. The Commissioner is hereby authorized to charge Deposit Account No. 08-2525.

Respectfully submitted,



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